



main.c

```
1 #include <stdio.h>
2
3 int main()
4 {
5     int k, n;
6
7     printf("Enter N: ");
8     scanf("%d", &n);
9
10    for(int i=1; i<=n; i++)
11    {
12        k = i;
13        for(int j=1; j<=i; j++, k++)
14        {
15            printf("%d", k);
16        }
17
18        printf("\n");
19    }
20
21    return 0;
22 }
```



Enter N: 5

```
1
23
345
4567
56789
```

...Program finished with exit code 0

Press ENTER to exit console.





main.c

```
1 #include <stdio.h>
2 int main(){
3     int cie,see,num;
4     printf("Enter your CIE mark ");
5     scanf("%d",&cie);
6     printf("Enter your SEE mark ");
7     scanf("%d",&see);
8     num=(((cie*2)+see)/20);
9
10    if(num >= 9){
11        printf(" You got S grade");
12    }
13    else if(num >= 8){
14        printf(" You got A grade");
15    }
16    else if ( num >=7){
17        printf(" You got B grade");
18    }
19    else if ( num >=6){
20        printf(" You got C grade");
21    }
22    else if ( num >=5){
23        printf(" You got D grade");
24    }
25    else if ( num <= 4){
26        printf(" You Failed in this exam");
27    }
28    return 0;
29 }
30
```



```
Enter your CIE mark 30
Enter your SEE mark 20
You Failed in this exam
```

```
...Program finished with exit code 0
Press ENTER to exit console.
```



[onlinegdb.com/online\\_c\\_compiler](https://onlinegdb.com/online_c_compiler)

main.c

```
1 #include <stdio.h>
2
3 int main ()
4 {
5     int num1,num2,flag;
6
7     printf("Enter first number: ");
8     scanf("%d", &num1);
9     printf("Enter second number: ");
10    scanf("%d", &num2);
11
12    printf("Prime numbers between %d and %d are:\n", num1, num2);
13    for (int i = num1; i<=num2;i++)
14    {
15        flag = 0;
16        for (int j=2; j<=i/2;j++)
17        {
18            if (i%j==0)
19            {
20                flag =1;
21                break;
22            }
23        }
24        if (flag==0)
25            printf("%d\n", i);
26    }
27    return 0;
28 }
```

```
Enter first number: 2
Enter second number: 7
Prime numbers between 2 and 7 are:
```

```
2
3
5
7
```

```
...Program finished with exit code 0
Press ENTER to exit console.
```





Run



Debug



Stop



Share



Save



{ } Beautify



main.c

```
1  #include <stdio.h>
2  #include<math.h>
3  void main ()
4  {
5      float area,volume,h,rad;
6      int choice,y=0,a;
7      while(y==0)
8      {
9          printf("1 for area and volume of cylinder\n");
10         printf("2 for area and volume of cone\n");
11         printf("3 for area and volume of sphere\n");
12         printf("Input your choice : ");
13         scanf("%d",&choice);
14         switch(choice)
15         {
16             case 1:
17                 printf("Enter radius and height : ");
18                 scanf("%f",&rad);
19                 scanf("%f",&h);
20                 area=2*3.14*rad*(rad+h);
21                 volume=3.14*rad*rad*h;
22                 break;
23             case 2:
24                 printf("Enter radius and height : ");
25                 scanf("%f",&rad);
26                 scanf("%f",&h);
27                 volume=(3.14*rad*rad*h)/3;
28                 area=(22 / 7) * rad * (rad + sqrt(rad * rad + h * h));
29                 break;
30             case 3:
31                 printf("Enter radius and height : ");
32                 scanf("%f",&rad);
33                 scanf("%f",&h);
34                 volume=(4*3.14*rad*rad*rad)/3;
35                 area=4*3.14*rad*rad;
36                 break;
37             default:
38                 printf("option not available\n");
39                 break;
40         }
41     }
42     printf("The area is : %f\n",area);
43     printf("The volume is : %f\n",volume);
44 }
```







Run



Debug



Stop



Share



Save



{ } Beautify



main.c

```
45     printf("The volume is : %f\n",volume);
46
47     printf("\n Enter 0 to exit and 1 to continue\n");
48     scanf("%d",&a);
49     if(a==0)
50     {
51         y=1;
52     }
53     else if(a==1)
54     {
55         y=0;
56     }
57 }
58 }
```



```
1 for area and volume of cylinder
2 for area and volume of cone
3 for area and volume of sphere
Input your choice : 1
Enter radius and height : 45
72
The area is : 33064.199219
The volume is : 457812.000000
```

```
Enter 0 to exit and 1 to continue
```

```
1
```

```
1 for area and volume of cylinder
2 for area and volume of cone
3 for area and volume of sphere
Input your choice : 3
```

```
Enter radius and height : 3
```

```
4
```

```
The area is : 113.040001
The volume is : 113.040001
```

```
Enter 0 to exit and 1 to continue
```

```
0
```

```
...Program finished with exit code 0
Press ENTER to exit console.
```

